

AMENDMENTS TO THE CLAIMS

The following is a complete listing of the claims indicating the current status of each claim and including amendments currently entered as highlighted.

1-3. (Canceled)

4. (Currently amended) The projectile device of claim 19, further comprising an armor-piercing rod situated within ~~the projectile said shell~~ for piercing armor.

5. (Currently amended) The projectile device of claim 4, ~~for further~~ comprising a penetrating device coupled to ~~the projectile said shell~~ for penetrating a reactive target having reactive armor.

6. (Currently amended) The projectile device of ~~according to claim 5~~, wherein said penetrating device includes an advance projectile associated with ~~the projectile said shell~~, for neutralizing reactive armor of a target.

7. (Currently amended) The projectile device of ~~according to claim 6~~, wherein said advanced projectile is a bullet.

8. (Currently amended) The projectile device of claim 19 ~~according to claim 7~~, further comprising an electronic system associated with said shell for ~~to~~ altering a trajectory of the projectile said shell during flight of ~~the projectile said shell~~.

9. (Currently amended) The projectile ~~according to device of~~ claim 8,
wherein said electronic system further comprises:

- (a) a sensor, for detecting a target; and
- (b) a guidance system for controlling the trajectory of the projectile said shell.

10. (Currently amended) The projectile device of ~~according to~~ claim 9,
wherein said sensor is responsive to a radar signal.

11. (Currently amended) The projectile device of claim 9 ~~according to~~
~~claim 10~~, wherein said sensor is responsive to radiation emission of said target.

12-14. (Canceled)

15. (Currently amended) The method of ~~claim 14~~ claim 20, further
comprising the step of: ~~(f) of~~ penetrating armor of the target ~~substantially~~
~~subsequently to step (e).~~ with the shell.

16. (Currently amended) The method of claim 15, further comprising the
step of: ~~(g) of~~ neutralizing reactive armor of said target prior to ~~step (e).~~ said
penetrating.

17. (Canceled)

18. (Currently amended) The projectile device of claim 19, wherein said ~~first-cruise rocket motor~~ is activated substantially at the beginning of flight of the projectile.

19. (New) A projectile device for piercing armor, the projectile device being fired from the barrel of a gun, the projectile device comprising:

- (a) a shell; and
- (b) a cartridge associated with said shell prior to firing, said cartridge containing a launch propellant for accelerating said shell along the barrel of the gun to a muzzle velocity,

wherein said shell includes:

- (i) a cruise rocket motor configured for maintaining a substantially constant cruise velocity of said shell for a first period after leaving the barrel of the gun; and
- (ii) an acceleration rocket motor configured for accelerating said shell from said cruise velocity to a penetration velocity in a final stage of flight of the shell.

20. (New) A method for propelling a shell fired from the barrel of a gun to pierce armor of a target, the method comprising:

- (a) employing launch propellant for accelerating the shell along the barrel of the gun to a muzzle velocity, said launch propellant being located within a cartridge associated with the shell prior to firing;
- (b) employing a cruise rocket motor located within the shell for maintaining a substantially constant cruise velocity of the shell for a first period after leaving the barrel of the gun; and

- (c) employing an acceleration rocket motor located within the shell for accelerating the shell from said cruise velocity to a penetration velocity in a final stage of flight of the shell.